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(54) Title: **NEW POLYMORPHIC FORMS OF ONDANSETRON, PROCESSES FOR PREPARING THEM, PHARMACEUTICAL COMPOSITIONS CONTAINING THEM AND THEIR USE AS ANTIEMETICS**

(57) Abstract: This invention relates to new polymorphs of (±)1,2,3,9-tetrahydro-9-methyl-3-[(2-methyl-1H-imidazol-1-yl)methyl]-4H-carbazol-4-one, known under the INN of ondansetron, to processes for preparing said polymorphs, to pharmaceutical compositions containing them and to their use in the treatment and prophylaxis of nausea and vomiting. The invention provides new stable polymorphic forms of ondansetron and processes for manufacturing them at an industrial scale.

WO 2005/080381 A1